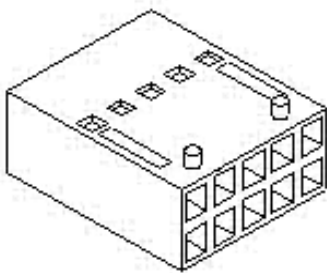




**Part Number :** [901430064](#)  
**Product Description :** 2.54mm Pitch C-Grid III  
Modular Crimp Housing, Dual Row, 64 Circuits, Black  
**Series Number :** 90143  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[901430064\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PS-99020-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Contains Triphenyl-phosphate per D(2025)4165-DC (25 June 2025)                                               |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

### [Industry Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| Status       | Active                                                                      |
| Category     | Connector Housings                                                          |
| Series       | 90143                                                                       |
| Description  | 2.54mm Pitch C-Grid III Modular Crimp Housing, Dual Row, 64 Circuits, Black |
| Application  | Signal, Wire-to-Board                                                       |
| Comments     | No Buttons                                                                  |
| Product Name | C-Grid III                                                                  |
| UPC          | 800753530638                                                                |

### Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

### Physical

|                       |                    |
|-----------------------|--------------------|
| Breakaway             | No                 |
| Circuits Detail       | No Voided Circuits |
| Circuits (maximum)    | 64                 |
| Color - Resin         | Black              |
| Flammability          | 94V-1              |
| Gender                | Receptacle         |
| Glow-Wire Capable     | No                 |
| Keying to Mating Part | None               |
| Lock to Mating Part   | None               |

|                               |                |
|-------------------------------|----------------|
| Material - Resin              | PPO            |
| Net Weight                    | 3.648/g        |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.54mm         |
| Pitch - Termination Interface | 2.54mm         |
| Polarized to Mating Part      | No             |
| Ports                         | 1              |
| Stackable                     | Yes            |
| Temperature Range - Operating | -55° to +105°C |

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## Mates With / Use With

### Mates with Part(s)

| Description                             | Part Number                  |
|-----------------------------------------|------------------------------|
| C-Grid III Right-Angle Dual Row Headers | <a href="#"><u>90122</u></a> |
| C-Grid III Dual Row Headers             | <a href="#"><u>90130</u></a> |
| C-Grid III Vertical Dual Row Headers    | <a href="#"><u>90131</u></a> |

### Use with Part(s)

| Description                                                                                               | Part Number                      |
|-----------------------------------------------------------------------------------------------------------|----------------------------------|
| Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 150.00mm Length, 22 AWG, Black | <a href="#"><u>797582022</u></a> |
| Pre-Crimped Lead C-Grid III Female-to-C-Grid III Female, Tin (Sn) Plating, 300.00mm Length, 22 AWG, Black | <a href="#"><u>797582023</u></a> |
| C-Grid III Female Crimp Terminals                                                                         | <a href="#"><u>90119</u></a>     |